

OPERATING DATA REPORT

DOCKET NO. 50-333
 DATE Oct. 1984
 COMPLETED BY J. Cook
 TELEPHONE (315) 342-3840

OPERATING STATUS

1. Unit Name: FitzPatrick
 2. Reporting Period: 840901-840930
 3. Licensed Thermal Power (MWt): 2436
 4. Nameplate Rating (Gross MWe): 883
 5. Design Electrical Rating (Net MWe): 821
 6. Maximum Dependable Capacity (Gross MWe): 830
 7. Maximum Dependable Capacity (Net MWe): 810
 8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
None

Notes

9. Power Level To Which Restricted, If Any (Net MWe): None
 10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>6575</u>	<u>80472</u>
12. Number Of Hours Reactor Was Critical	<u>349</u>	<u>5713</u>	<u>58241.8</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>344</u>	<u>5578.8</u>	<u>120562114</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>811920</u>	<u>12825528</u>	<u>120562114</u>
17. Gross Electrical Energy Generated (MWH)	<u>268370</u>	<u>4269330</u>	<u>41488520</u>
18. Net Electrical Energy Generated (MWH)	<u>259740</u>	<u>4133175</u>	<u>39631815</u>
19. Unit Service Factor	<u>47.8%</u>	<u>84.8%</u>	<u>70.6%</u>
20. Unit Availability Factor	<u>47.8%</u>	<u>84.8%</u>	<u>70.6%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>44.5%</u>	<u>77.6%</u>	<u>64.2%</u>
22. Unit Capacity Factor (Using DER Net)	<u>43.9%</u>	<u>76.6%</u>	<u>60.6%</u>
23. Unit Forced Outage Rate	<u>0%</u>	<u>4.7%</u>	<u>13.7%</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
REFUELING OUTAGE SCHEDULED FOR JANUARY 11, 1985 to last approximately 60 days

25. If Shut Down At End Of Report Period, Estimated Date of Startup: October 15, 1984

26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

E410170251 840930
 PDR ADOCK 05000333
 R PDR

IE24
 1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333

UNIT FitzPatrick

DATE Oct. 1984

COMPLETED BY J. Cook

TELEPHONE (315)342-3840

MONTH September 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	739	17	0
2	746	18	0
3	774	19	0
4	776	20	0
5	770	21	0
6	776	22	0
7	771	23	0
8	775	24	0
9	778	25	0
10	779	26	0
11	780	27	0
12	779	28	0
13	781	29	0
14	737	30	0
15	62	31	0
16	0		

SUMMARY: The unit operated at near full thermal power for the first 14 days of the reporting period. On 840915 the plant was shutdown for maintenance.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1984

DOCKET NO. 50-333
 UNIT NAME FitzPatrick
 DATE Oct. 1984
 COMPLETED BY J. Cook
 TELEPHONE (315)342-3840

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
12	840915	S	376	B	1	N/A	N/A	N/A	840915 Shutdown for maintenance and IHSI (cumulative hrs. 376)

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

SEPTEMBER 1984

The FitzPatrick Plant operated at near full thermal power for the first 14 days of this reporting period. On September 15 the unit was taken off line for maintenance which included Induction Heat Stress Improvements. The estimated return to service date is October 15, 1984.

NEW YORK POWER AUTHORITY—JAMES A. FITZPATRICK NUCLEAR POWER PLANT

MAINTENANCE SUMMARY

September 1984

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
840919	03	037343 38-07	OPS	Indicator Module was bad	"Full-in light fails at 00	Replaced Module	12
840924	03	037369 SWT. 2	OPS	Relay K51 shorted	Spurious Op. in Rod-Out Direc.	Replaced 3A-K51 and IC4	6
840922	05	023017 "B" RPS	033	Mod. MI-84-080	Replace HFA Relays-B RPS Sys	Replaced out the HFA's	140
840922	05	023014 HFA's	I&C	Prep. for Outage work	Check/adjust HFA Relays	Calib. Relays Per F-IMP-71.18	250
840919	06	033433 LR/PR 97	OPS	Dirty gears & bushings	Pens not on track stick, & bind	Cleaned Pen & realigned assy.	4
840928	07	033455 A IRM	OPS	DC Amp failed	IRM A failed Downscale	Replaced DC Amp	26
840912	07	029171 TIP X-AXIS	I&C	Incomplete WR 07/33-95	Erratic Info. on X-Y Plotter	Completed 07/33495	
840921	07	037333 H IRM	OPS	Temp. vent duct. fell on leads	Signal leads have bent plugs	Inspected Connectors	1
840924	07	037152 APRM-F	OPS	No alarm light on panel	Relay K11 failed failed to give	Replaced relay	1
840921	07	037334 "A" SRM	OPS	Static Charge on meter	Incor. Response with detector	Antistatic spray/ washed meter	6
840927	07	024644 LPRM12-13D	OPS	Bad detector	Drifting, spiking high, normal	Replaced LPRM card, IMP 7.6	3
840926	07	032300 LPRM36-21C	OPS	Open Detector	Drifting high	Replace Jan. 1985	0

JAMES A. FITZPATRICK NUCLEAR POWER PLANT

SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
9/11	03	23823 CRD-4230	N/A	No malfunction, normal maintenance.	Rebuilt Drive	18
9/11	03	23762 CRD-3092	N/A	No malfunction, normal maintenance	Rebuilt Drive	38
9/11	03	23981 CRD-812	N/A	No malfunction, normal maintenance	Rebuilt Drive	52
9/11	03	23982 CRD-3765	N/A	No malfunction, normal maintenance	Rebuilt Drive	22
9/10	03	23824 CRD-5146	N/A	No malfunction, normal maintenance	Rebuilt Drive	25

JAMES A. FITZPATRICK NUCLEAR POWER PLANT

SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
9/13	03	23984 CRD-4072	N/A	No malfunction, normal maintenance	Rebuilt Drive	44
9/7	03	23980 CRD-3030	Visual	Bent Collet Housing	Discarded	9
9/6	03	23977 CRD-5683	N.D.E.	Cracked collet housing	Discarded	10
9/7	03	23976 CRD-3115	N.D.E.	Cracked collet housing	Discarded	8
9/10	93	23761 CRD-3236	N/A	No malfunction, normal maintenance	Rebuilt Drive	25
9/11	03	23764 CRD-3418	N/A	No malfunction, normal maintenance	Rebuilt Drive	46
9/11	03	23763 CRD-3262	N/A	No malfunction, normal maintenance	Rebuilt Drive	46

SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
9/10	03	23825 CRD A- 4197	N/A	No malfunction, normal maintenance	Rebuilt Drive	24
9/11	03	23983 CRD-2964	N/A	No malfunction, normal maintenance	Rebuilt Drive	42
9/12	03	23974 CRD-7928	N/A	No malfunction, normal maintenance	Rebuilt Drive	28
9/12	03	23979 CRD-5082	N/A	No malfunction, normal maintenance	Rebuilt Drive	22
9/10	03	23973 CRD A- 5180	N/A	No malfunction, normal maintenance	Rebuilt Drive	28
9/11	03	23975 CRD-3050	N/A	No malfunction, normal maintenance	Rebuilt Drive	75
9/5	88	25435 CR-2	Operation- al Check	Misadjusted control circuit	Inspected Magnatorque, adjusted control circuit load tested crane	239
9/18	13	25778 RCI-03	LLRT	Seat Leakage	Ground and lapped wedge and seats	134

JAMES A. FITZPATRICK NUCLEAR POWER PLANT

SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
9/29	07	29045 S-1B	OPS	Bad switch contacts	Replaced switch	6
9/19	03	21437 CRD-50- 31	OPS	Bad position indication probe	Replaced probe	1
9/23	03	23421 CRD 26- 23	OPS	Bad position indication probe	Replaced probe	10
9/23	03	23395 CRD 22- 35	OPS	Bad position indication probe	Replaced probe	4
9/23	03	23811 CRD 02- 27	OPS	Bad position indication probe	Replaced probe	4
9/23	03	23368 CRD 22- 27	OPS	Bad position indication probe	Replaced probe	4

SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
9/21	03	27382 CRD 46- 43	OPS	Bad position indication probe	Replaced probe	6
9/27	03	19871 CRD 06- 23	OPS	Worn seals	Replaced Drive	50
9/26	03	26907 CRD 18- 35	OPS	Worn seals	Replaced Drive	40
9/28	03	24439 CRD 22- 31	OPS	Worn seals	Replaced Drive	50
9/28	03	26908 CRD 26- 27	OPS	Worn seals	Replaced Drive	30
9/28	03	24660 CRD 38- 11	OPS	Worn seals	Replaced Drive	30

SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
9/28	03	09507- CRD 38- 39	OPS	Worn seals	Replaced Drive	24
9/28	03	27064 CRD 34- 27	OPS	Worn seals	Replaced Drive	30

James A. FitzPatrick
Nuclear Power Plant
P.O. Box 41
Lycoming, New York 13093
315 342.3840

Corbin A. McNeill, Jr.
Resident Manager



October 9, 1984
JAFF-84 -0946

Director, Office of Inspection
and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

ATTENTION: DOCUMENT CONTROL DESK

REFERENCE: DOCKET NO. 50-333

Dear Sir:

The Operating Status Report for the month of September 1984 is enclosed. The refueling information remains the same as previously submitted.

If there are any questions concerning this report, contact John Cook at (315) 342-3840, Ext. 439.

Very truly yours,

by dr. R. McNeill
Corbin A. McNeill, Jr.

CAM:JPC:tls

cc: Internal Distribution

Enclosures

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